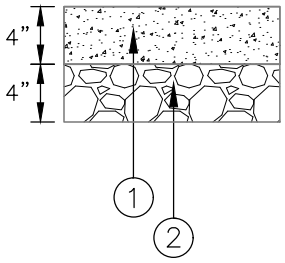
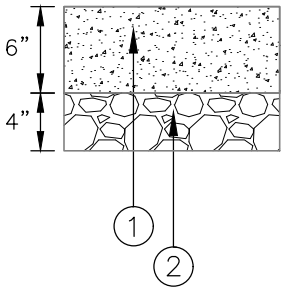
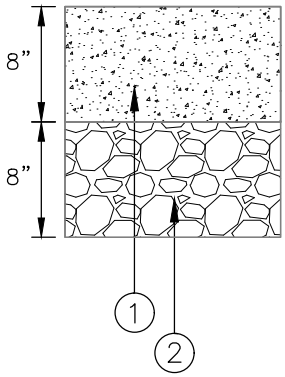
4" CONCRETE PAVEMENT



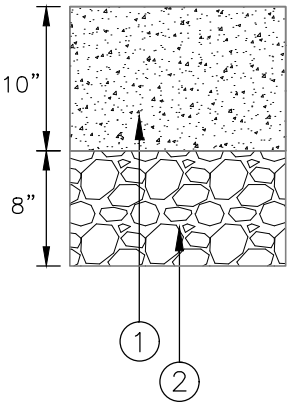
6" CONCRETE PAVEMENT



8" CONCRETE PAVEMENT



10" CONCRETE PAVEMENT



PAVEMENT SCHEDULE

(1) CLASS "A" CONCRETE, MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI WITH SYNTHETIC FIBER REINFORCEMENT.

(2) MINERAL AGGREGATE BASE 303-01 MINERAL
303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING"D"

GENERAL NOTES

1. PREPARE SUBGRADE AS REQUIRED BY THE PLANS OR RELATED SPECIFICATIONS. IF SUBGRDE PREPARATION IS NOT SPECIFIED ON THE PLANS OR SPECIFICATIONS, COMPACT SUBGRADE TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698
2. UNLESS SHOWN ON THE PROJECT DRAWINGS, A JOINTING PLAN SHALL BE PREPARED BY THE CONTRACTOR AND APPROVED BEFORE PAVING BEGINS.
3. CONTRACTION JOINT PATTERNS SHALL BE PRODUCED BY SAWING OR HAND-TOOLING BASED ON THE REQUIREMENTS BELOW:
   - 3.1. MAXIMUM JOINT SPACING SHALL BE 10' FOR 4" AND 6" CONCRETE PAVEMENT AND 15' FOR 8" AND 10" CONCRETE PAVEMENT.
   - 3.2. JOINTS SHALL DIVIDE THE PAVEMENT INTO APPROXIMATE SQUARE PANELS AND SHALL BE CONTINUOUS ACROSS THE SLAB. PANELS SHALL BE AS CLOSE TO SQUARE AS POSSIBLE AND THE LENGTH SHALL NOT BE MORE THAN 25% GREATER THAN THE WIDTH.
   - 3.3. JOINTS SHALL INTERSECT AT 90 DEGREES OR GREATER UNLESS OTHERWISE APPROVED OR SHOWN ON THE DRAWINGS.
   - 3.4. JOINT DEPTH SHALL BE $\frac{1}{4}$ THE SLAB THICKNESS.
   - 3.5. JOINT WIDTH SHALL BE $\frac{1}{8}$".
   - 3.6. JOINTS SHALL EXTEND COMPLETELY THROUGH THE CURB WHEN THE CURB IS INTEGRALLY FORMED WITH THE SLAB.
   - 3.7. SAWED JOINTS SHALL BEGIN AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESS RAVELING. ALL JOINTS SHALL BE COMPLETED BEFORE UNCONTROLLED SHRINKAGE CRACKING OCCURS.
4. ISOLATION/EXPASION JOINTS SHALL BE USED AS DIRECTED BY THE ENGINEER AND USED WHERE THE PAVEMENT ABUTS BUILDINGS, FOUNDATIONS, EXISTING PAVEMENTS, MANHOLES AND OTHER STRUCTURES AND FIXED OBJECTS. SUCH JOINTS SHALL EXTEND THE FULL DEPTH OF SLAB AND SHALL BE $\frac{1}{2}$" IN WIDTH AND SHALL BE:
   - 4.1. RUBBERIZED EXPANSION JOINT FILLER (AASHTO M153, TYPE 1)

HISTORIC FRANKLIN TENNESSEE 1799

CONCRETE PAVEMENT

DWG. NO. **CS2**

CITY OF FRANKLIN

NOT TO SCALE

CITY ENGINEER: Paul P Holzen

DATE: 03/20/2023